

JOB HAZARD ANALYSIS (JHA)		Date: <b>04-01-06</b>	<input checked="" type="checkbox"/> New JHA Revised JHA
Task: Disinfecting of areas		<b>JHA #13</b>	Page <u>  1  </u> of <u>  2  </u>
Task Overview:	To assure the containment of pathogens, APHIS personnel will have to perform limited to full scale disinfections of materials and equipment		
Task Elements:	<ul style="list-style-type: none"> <li>• <b>Mixing/preparation of disinfectant</b></li> <li>• <b>Application of disinfectant for surveillance activities</b></li> <li>• <b>Limited Disinfecting</b></li> <li>• <b>Full scale disinfections</b></li> </ul>		
Personal Protective Equipment:	Work clothes, Dust mask, air purifying respirator, safety glasses, nitrile (exam) gloves, work gloves		
Tools and Equipment:	Varied containers		
<b>OCCUPATIONAL HEALTH CONCERNS</b>			
<b>Chemical Agents:</b>  Disinfectants	<b>Physical Agents:</b>	<b>Biological Agents:</b>  Human borne pathogens Animal borne pathogens	
<b>Activity/Sequence of Job Steps</b>	<b>Potential Hazards/ Injury sources</b>	<b>Safe Action or Procedure</b>	
1) Mixing/preparation of disinfectant	Disinfectants Container	<ul style="list-style-type: none"> <li>• Once a disinfectant is decided upon, assure a Haz-Com program is in place and that a MSDS is available for the disinfectant used (Appendix 3-13-A is an aid in choosing a disinfectant). See JHA #2 for a sample Haz-Com program. See Appendix 2 and 3 of this JHA for MSDSs of two commonly used disinfectants (Appendix 3-13-B for One-Stroke and 3-13-C for Virkon)</li> <li>• The disinfectant is to be mixed as per manufacturer's guidelines. All PPE required by the manufacturer are to be used (gloves and goggles at a minimum)</li> <li>• If a sprayer unit is to be used, the disinfectant should be placed in the sprayer and the sprayer pressurized and tested before going into the field.</li> </ul>	
2) Application of disinfectant for surveillance activities	Disinfectants Container Human borne pathogens Animal borne pathogens	<ul style="list-style-type: none"> <li>• Investigation personnel should wear disposable PPE as appropriate</li> <li>• Only bring into the area of investigation tools and materials which are necessary. Leave automobiles outside of</li> </ul>	

		<p>investigation areas if possible.</p> <ul style="list-style-type: none"> <li>• After leaving the area of investigation, unless it has been proven that there is no possibility of contamination, contaminated PPE should be removed and bagged. The assigned disinfectant should then be sprayed onto surfaces that are not to be disposed of. This can include the bottom of shoes and car tires.</li> <li>• If APHIS personnel did not use gloves on an investigation site and biological contamination is a possibility, they should have the ability to wash outside the possibly contaminated area, or use waterless antiseptic before using their vehicle. <b>Disinfectants ARE NOT to be applied to skin.</b></li> </ul>
3) Limited disinfecting	<p>Disinfectants Container Human borne pathogens Animal borne pathogens</p>	<ul style="list-style-type: none"> <li>• APHIS personnel may come across limited situations where a limited area must be disinfected. They are to follow the relevant section of part 1 and 2 of this JHA</li> <li>• The disinfectant is to only be used in the manner as the manufacturer specifies</li> <li>• APHIS personnel are to report any disinfecting activity to the Incident Safety Officer</li> </ul>
4) Full scale disinfecting	<p>Disinfectants Container Human borne pathogens Animal borne pathogens</p>	<ul style="list-style-type: none"> <li>• Utilize and Follow Section 8 (Site Control) and Section 9 (Decontamination) of the HASP</li> </ul>